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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/925,159	08/08/2001	Stephen Clark Purcell	274754 BEL-033	3076
20350 TOWNSEND	7590 01/04/200 A NID TOWNSEND A N	EXAMINER		
TOWNSEND AND TOWNSEND AND CREW, LLP TWO EMBARCADERO CENTER EIGHTH FLOOR SAN FRANCISCO, CA 94111-3834			BULLOCK JR, LEWIS ALEXANDER	
			ART UNIT	PAPER NUMBER
			2195	
SHORTENED STATUTOR	RY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE	
3 MONTHS 01/04/2007		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary Composition Claims		Application No.	Applicant(s)		
Lowis A. Bullock, Jr. 2195		09/925,159	PURCELL, STEPHEN CLARK		
Period for Repty A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Educations of the map by a waiting date of this communication, in no event, however, may a repty be timely find after SIX (6) MONTHS from the mailing date of this communication, will apply not will expire SIX (6) MONTHS from the mailing date of this communication. Failute to reproduce by the Day of the Communication of the Communication, will apply not will expire SIX (6) MONTHS from the mailing date of this communication. Failute to reproduce by the SIX (6) MONTHS from the mailing date of this communication, will apply not will expire SIX (6) MONTHS from the mailing date of this communication, even if timely filled, may reduce any seamed patient them adjustment. See 37 CFR 1.70(6). Status 1) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1.21 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) 1.7 and 15-21 is/are allowed. 6) Claim(s) 1.7 and 15-21 is/are allowed. 6) Claim(s) 1.7 and 15-21 is/are allowed. 7) Claim(s) 1.7 are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. Application Papers 9) The specification is objected to by the Examiner. Application Papers 9) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All by Cartified copies of the priority documents have been received in Application No. 1 Certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 2 Certified copies of th	Office Action Summary	Examiner	Art Unit		
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DETAILED ACTION

Claim Rejections - 35 USC § 101

1. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 8-14 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The cited claims detail an apparatus having a plurality of means. However, as outlined in the specification, the apparatus **can** be implemented in software or **can** be implemented in a computer program product tangibly embodied in a machine-readable storage device (pg. 32, lines 19-24). There is no requirement that the apparatus is computer hardware or is embodied in a machine-readable storage device. Therefore, at best the apparatus is software and do not fit one of the statutory category of inventions. To be a machine, there must be some physical component. The software system does not require it to be stored on a computer storage device that is also required as outlined in M.P.E.P. 2106.

Allowable Subject Matter

2. Claims 1-7 and 15-21 are allowed.

The following is a statement of reasons for the indication of allowable subject 3. matter: The cited claims detail the steps of serially receiving a plurality of forward messages from a source, storing the forward messages before attempting to send them to their destinations, receiving an availability signal indicating whether the destination is available, simultaneously sending the forward messages to their destinations when an availability signal indicates that the destination is available, simultaneously receiving a plurality of reverse messages from the first destinations; and serially sending the reverse messages to the source. The cited prior art of record at best teaches performing transactions / operations on destination memory devices in parallel (wherein the memory commands / requests are combined into one command and sent to the device or parallel processing memory commands on a plurality of memory devices by a memory controller after receiving them serially). The cited prior art of record does not teach the simultaneously sending of stored forward messages after receiving an availability signal indicating that the destination is available and simultaneously receiving a plurality of reverse messages wherein such messages are serially sent to the source. Therefore, the claims are allowable over the cited prior art of record.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lewis A. Bullock, Jr. whose telephone number is (571) 272-3759. The examiner can normally be reached on Monday-Friday, 8:30 a.m. - 5:00 p.m..

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

December 26, 2006

LEWIS A. BULLOCK, JR.